

CEP1019: Identifying and Mitigating Climate Change Risks Module Outline “Self-directed” Online Training

Prerequisites

None

Recommended prior learning/experience

None

Description

This module explores climate change risk management in Aotearoa New Zealand, covering its importance, tools for risk assessment using local data and current and future impacts on the environment, economy and communities. It reviews sector strategies, examines policy and legislative support, considers implementation challenges and develops equitable, sustainable approaches to strengthen resilience.

Position and pathway

This module has an associated assessment which takes the form of an online examination. Success in the associated assessment is an element of CEP’s Certified Professional in Carbon professional qualification.

Delivery mode

The training module consists of six (6) videos, six (6) progression quizzes and one (1) completion quiz. The progression quizzes serve as gatekeeper steps, requiring successful completion before participants can advance to the next lesson.

Hours

This module is split into six (6) lessons and totals approximately two (2) hours of viewing time. Students will be required to undertake six (6) progression quizzes, which should take around five (5) minutes each.

Learning outcomes

By the end of the module, students should be able to:

1. Explain climate change risk management and its importance for Aotearoa New Zealand's environment, society and economy.
2. Identify key tools and methods for assessing climate risks, using Aotearoa New Zealand-specific data and resources.
3. Describe current and future climate impacts on Aotearoa New Zealand's environment, economy and communities.
4. Evaluate the effectiveness of mitigation and adaptation strategies across key sectors.
5. Assess the role of policy and legislation in supporting climate risk mitigation.
6. Critique the main technical, financial and social barriers to effective climate risk mitigation.
7. Propose strategies to improve resilience for vulnerable populations and ecosystems, with a focus on equity and sustainability.

Module Structure and Progression

Lesson Outlines	
Lesson 1	Importance of addressing climate change risk
	<p>Video duration: 15 minutes approximately.</p> <p>Content relates to learning outcomes 1:</p> <ul style="list-style-type: none"> • Climate change and projected future impacts • Obligations to identify and manage climate change risk • Adequate responses to climate change risk
Progression Quiz 1	
Lesson 2	How is climate change risk management approached?
	<p>Video duration: 10 minutes approximately.</p> <p>Content relates to learning outcomes 2:</p> <ul style="list-style-type: none"> • Identifying risk • Assessing risk • Prioritising Risk • Implementing Strategies • Continuous Improvement
Progression Quiz 2	
Lesson 3	Data collection and analysis: Current and predicted climate change impacts
	<p>Video duration: 30 minutes approximately.</p> <p>Content relates to learning outcomes 3:</p>

	<ul style="list-style-type: none"> • Predictions of local impact from the IPCC • We are already living in a changed climate • What's to come?
Progression Quiz 3	
Lesson 4	Assessing risks: National Climate Change Risk Assessment
	<p>Video duration: 26 minutes approximately.</p> <p>Content relates to learning outcomes 4 and 5:</p> <ul style="list-style-type: none"> • Introduction of the National Climate Change Risk Assessment Framework • Layout • Setting the context • Defining the climate change hazards • Stage 1: First-pass risk screen • Application of a First-pass risk screen
Progression Quiz 4	
Lesson 5	Prioritising Risk: National Climate Change Risk Assessment
	<p>Video duration: 22 minutes approximately.</p> <p>Content relates to learning outcomes 6:</p> <ul style="list-style-type: none"> • Stage 2: Detailed risk assessment • Application of Stage 2: Detailed risk assessment
Progression Quiz 5	
Lesson 6	Implementing Strategies: Existing adaptation strategies employed in Aotearoa New Zealand - The National Adaptation Plan
	<p>Video duration: 25 minutes approximately.</p> <p>Content relates to learning outcomes 7:</p> <ul style="list-style-type: none"> • The National Adaptation Plan • Was the National Adaptation Plan successful? • What does this mean for business?
Progression Quiz 6	
Completion Quiz	CEP1019: Identifying and Mitigating Climate Change Risks

Assessment

This training module does not have a formal assessment. CEP runs a credential, assessed by examination for CEP1019: Identifying and Mitigating Climate Change Risks, which



operates independently of this training module. Completion of this module is not a prerequisite for the formal assessment.

Completion

The module will be considered completed and a digital “Completion” certificate will be available when the student has achieved a score of 75% or above in the Completion Quiz.